

## **Corrigendum -VII**

**Expression of Interest (EoI)**

**for**

**Selection of System Integrator for Implementing Network  
Management System (NMS)**

BharatNet Phase II Implementation, Gujarat

Reference No: GFG/DST/BharatNet/NMS/2019/400

30<sup>th</sup> August 2019



**Issued By:**

Gujarat Fibre Grid Network Limited (GFGNL)

A Government of Gujarat Company

Block No: 1, 8th Floor, Udyog Bhavan, Sector-11, Gandhinagar: 382010

## Corrigendum

The Bidders are requested to take note of the following changes made in the EoI document, which are to be taken in to account while submitting the EoI response . They shall be presumed to have done so and submitted the EoI response/bid accordingly.

- This Corrigendum shall be the part of the EoI documents/process.
- All items specified in this Corrigendum supersede relevant items to that effect as provided in the original EoI documents and subsequent corrigendum(s). All other specifications, terms and conditions of the original EoI document and subsequent corrigendum(s) shall remain unchanged.
- The words which are strikethrough needs to be considered as deleted.

### 1. Revised Annexure VI: Financial Bid Format: (To be Signed and submitted by the agency on their letter head)

**Table – 1.1 Charges for Implementation Phase**

Sr. No	Component	UoM	Quantity (a)	Unit Price excluding taxes (in Indian Rupees) (b)	Taxes, duties applicable (in %) (please specify)	Total amount (in Indian Rupees) (c=a*b)
1	One-time Charges for supply, installation, End to end integration, testing & commissioning of NMS application along with Required licenses of proposed solution & system software's (Operating system, Database etc.)	Lumpsum	1			
<b>Total (Co – Capex in INR)</b>						

**Table – 1.2 Charges for O&M Phase**

Sr. No	Component	Yearly Charge (in INR Excluding tax) (C1 to C7)	Discount Rate	NPV of Yearly Charges	Taxes and Duties (As applicable) (in %) (please specify)
	A	B	C	D=B/C	E
1	Charges for O&M of entire solution in year - 1		1.09		
2	Charges for O&M of entire solution in year - 2		1.188		
3	Charges for O&M of entire solution in year - 3		1.295		

Sr. No	Component	Yearly Charge (in INR Excluding tax) (C1 to C7)	Discount Rate	NPV of Yearly Charges	Taxes and Duties (As applicable) (in %) (please specify)
	A	B	C	D=B/C	E
4	Charges for O&M of entire solution in year - 4		1.412		
5	Charges for O&M of entire solution in year - 5		1.539		
6	Charges for O&M of entire solution in year - 6		1.677		
7	Charges for O&M of entire solution in year - 7		1.828		
<b>Total O&amp;M charges without NPV (in INR)</b>			-----	-----	-----
<b>Total O&amp;M charges with NPV (in INR)</b>					-----

**Note – 1:**

NPV of total financial Bid = Capex Value from table 1.1 + NPV value of O&M charges from table 1.2

NPV of total financial bid will be the financial quote for evaluation purpose.

**Authorized Signatory****Seal of the Company****Name & Designation****Date****Note – 2:**

- Payments shall be made by the GFGNL as per the terms and conditions of the EoI and no extra charges shall be paid by GFGNL.
- For financial evaluation, Price excluding Tax shall be taken into consideration
- The taxes shall be mentioned separately and will be applicable as actual as per the time of billing. All invoices should be raised from Gujarat.
- The sum total of O&M value quoted (Total of Column B in Table – 1.2 Charges for O&M phase as above) should be minimum 60% of sum total of Table – 1.1 (Co - Capex).
- Financial Evaluation by the Tenderer shall be done on Net Present Value (NPV) of financial bid. Discounting at the rate of 9% of O&M shall be calculated on a yearly basis.

The NPV will be calculated using the formula below:

$$NPV = Co + C1/(1+r)^1 + C2/(1+r)^2 + C3/(1+r)^3 \dots + C7/(1+r)^7$$

Where,

- Co ... Cn are the yearly cash outflows as illustrated below
- Co is the total cost of Capex for Project Phase
- C1 is total Operations and Maintenance Cost for the 1st year
- C2 is total Operations and Maintenance Cost for the 2nd year
- C7 is total Operations and Maintenance Cost for the 7th year

- $r$  is the Annual Discounting Rate (9%)
- “Total O&M charges with NPV” will be considered only for evaluation purpose. Lowest NPV amongst all qualified bidders for financial bid opening will be considered as “Fm” in Point No. – 10 of Clause – 5 (EoI Selection process) of EoI.
- “NPV of total financial Bid” of the proposal under consideration will be considered as “F” in Point No. – 10 of Clause – 5 (EoI Selection process) of EoI.
- “Total O&M charges without NPV” will be considered for payment.

## 2. Payment Terms

S No	Milestone	Payment
1.	Successful completion of milestone #1	20 % of (sum total of Table 1.1)
2.	Successful completion of milestone #2	30% of (sum total of Table 1.1)
3.	Successful completion of milestone #3	30% of (sum total of Table 1.1)
4.	Stabilization period (3 months from successful completion of milestone #3)	20% of (sum total of Table 1.1)
5.	Operation & Maintenance phase	Annual Actual Quote (Not the NPV value), will be paid in Four (4) equal quarterly payments, each year.

## 3. Revised clauses and other revisions

S No	Page Number	Clause/ Item Name	Original Clause	Revised Clause/ clarification
1.	5	<b>#3 Important Dates -Point 7 - Last date of EoI response (bid) submission</b>	Response to EoI should be submitted before 1:00 pm on 16.08.2019 at the below mentioned address  Chief Finance Officer (CFO), Gujarat Fibre Grid Network Limited (GFGNL), Block No: 1, 8th Floor, Udyog Bhavan, Sector-11, Gandhinagar: 382010	Response to EoI should be submitted before 1:00 pm on <b>6.09.2019</b> at the below mentioned address  Chief Finance Officer (CFO), Gujarat Fibre Grid Network Limited (GFGNL), Block No: 1, 8th Floor, Udyog Bhavan, Sector-11, Gandhinagar: 382010
2.	5	<b>#3 Important Dates -Point 8 - Opening of EOI</b>	16.08.2019 at 04:00 pm  Gujarat Fibre Grid Network Limited (GFGNL) Block No. 1, 8th Floor, Udyog Bhavan,	<b>6.09.2019 at 3:00 pm</b>  Gujarat Fibre Grid Network Limited (GFGNL) Block No. 1, 8th Floor, Udyog Bhavan,

S No	Page Number	Clause/ Item Name	Original Clause	Revised Clause/ clarification
			Sector 11, Gandhinagar-382010  In the presence of Representatives of applicants who wish to remain present.	Sector 11, Gandhinagar-382010  In the presence of Representatives of applicants who wish to remain present.
3.	5	<b>#3 Important Dates -Point 9 -</b> Date of Technical Presentation	20.08.2019 at 12:00 pm	<b>09.09.2019 at 12 pm</b>

#### 4. Below mentioned clause stands removed.

**Original EoI clause no. – 8.4 (Deployment landscape), point no. – 4 (page no. – 18)**

- ~~4. Selected agency will have to supply, install, test and commission **2 Nos.** of routers at SDC for routing of management traffic of GFGNL's Network towards NMS/EMS. Routers must support below mentioned basic specifications.~~
- ~~• Router should support redundant power supply and should also support online insertion & removal of cards.~~
  - ~~• Router should support IPv4 and IPv6, SNMP, MLD, IGMP V2/V3 MLD, PIM, IPV4 Multicast, VPN v4 Multicast ECMP, LDP, BGP prefix independent control (EDGE & CORE) for IPV4 and IPV6, BGP, IS-IS, OSPF v2 /v3.~~
  - ~~• Router shall support QoS on all kind of interfaces and bundled interfaces in both ingress and egress direction.~~
  - ~~• Router should support NAT and PAT.~~
  - ~~• Router should support 20,000 static NAT entry from day one.~~
  - ~~• Router should support more than 20,000 concurrent NAT translations from day one.~~
  - ~~• Router should support ingress classification, marking and policing on physical and logical interfaces using source /destination IP subnet protocol types (IP/TCP/UDP), source /destination ports, IP precedence, DSCP, 802.1P.~~
  - ~~• Router should be NDPP or EAL3 certified at the time of bidding.~~
  - ~~• Router should support AC/DC power supply.~~
  - ~~• Router should have at least 8 No. of ports (4 Nos. of 1000 Base T ports (electrical ethernet) + 4 Nos 1000 Base X ports (optical ethernet)).~~
  - ~~• Router should be supplied with all applicable licenses from day one.~~
  - ~~• Router should be supplied with 7 years onsite warranty.~~

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